

PRODUCT INFORMATION

Hahn & Sohn C88 diesel generator

Hahn & Sohn C88 is a three-phase soundproofed diesel generator with an output of 80 kVA (64 kW) in continuous operation and 88 kVA (70 kW) in standby operation. It is powered by a four-cylinder Cummins 4BTA3.9-G11 engine with charge air cooling, electricity is generated by a Stamford...



| PARAMETER     | VALUE                                                   |
|---------------|---------------------------------------------------------|
| Category      | Industrial power generators                             |
| Warranty      | 1 year                                                  |
| Weight        | 1315 kg                                                 |
| Model         | C88                                                     |
| Fuel          | diesel                                                  |
| Rated power   | 80 kVA / 64 kW                                          |
| Standby power | 88 kVA / 70 kW                                          |
| Voltage       | 400 V (combined), 50 Hz, 3-phase (230/400 V alternator) |
| Rated current | 115 A                                                   |
| Power factor  | 0,8                                                     |

| PARAMETER                                  | VALUE                                                                                         |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Noise level                                | 72 dB @ 7 m                                                                                   |
| Engine                                     | Cummins 4BTA3.9-G11                                                                           |
| Engine specification                       | 4-stroke, water-cooled, in-line, 4-cylinder, direct injection, turbocharged with intercooling |
| Engine capacity                            | 3,9 l                                                                                         |
| Bore x stroke                              | 102 x 120 mm                                                                                  |
| Compression ratio                          | 17,3:1                                                                                        |
| Revolutions per minute                     | 1,500 rpm (idling 950-1,050)                                                                  |
| Speed control                              | electronic controller                                                                         |
| Injection sequence                         | 1-3-4-2                                                                                       |
| Starter motor                              | 24 V                                                                                          |
| Tank capacity                              | 160 l                                                                                         |
| Fuel consumption                           | 20 l/h (110 %) / 17,6 l/h (100 %) / 13,2 l/h (75 %) / 9,1 l/h (50 %) / 5,3 l/h (25 %)         |
| Oil capacity                               | 10,9 l                                                                                        |
| Coolant (engine only)                      | 8.3 l                                                                                         |
| Maximum oil temperature                    | 121 °C                                                                                        |
| Max. coolant temperature (standby / prime) | 104 / 100 °C                                                                                  |
| Max. exhaust back pressure                 | 10 kPa                                                                                        |
| Alternator                                 | Stamford UCI224G, 1 bearing, IP 23, H-class insulation, brushless                             |
| Voltage regulation accuracy                | ±0,5 %                                                                                        |
| Control unit                               | ComAp IntelliLite 4 AMF25                                                                     |

| PARAMETER              | VALUE                    |
|------------------------|--------------------------|
| Dimensions (L x W x H) | 2 750 x 1 050 x 1 250 mm |

Data from Hahn & Sohn product documentation. Before selecting a model, confirm the intended application, configuration and operating conditions.

Full information: <https://hahn-sohn-eu.vercel.app/en/hahn-sohn-naftova-elektrocentrala-c88/>